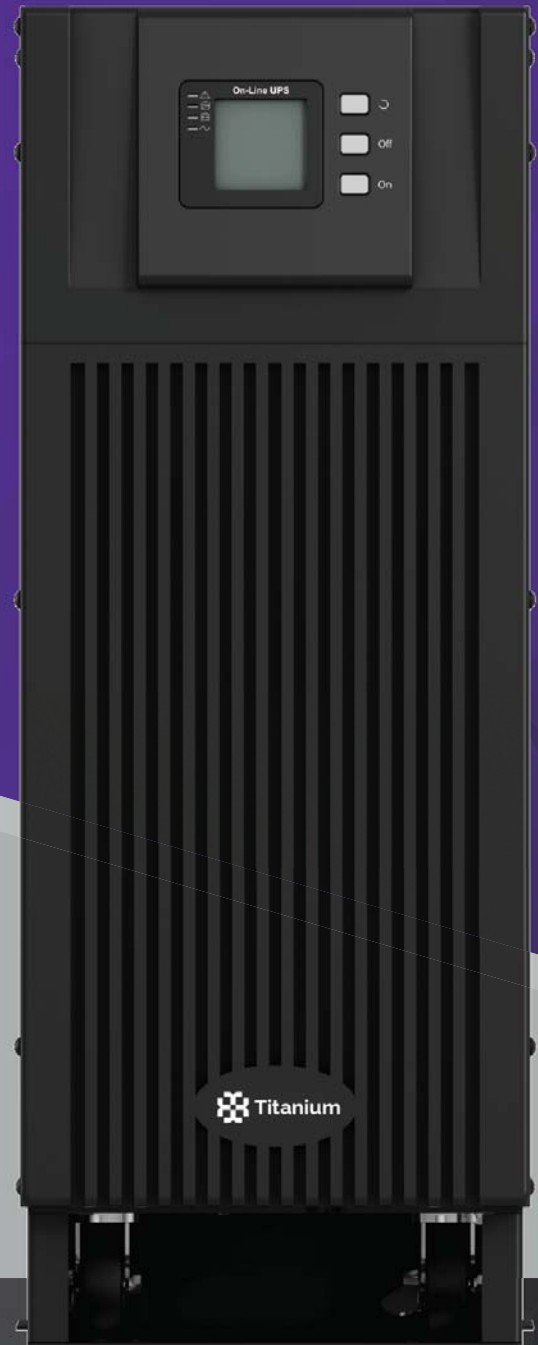


# Titanium PETA POWER PLUS

## 10kva online 3-1

### Features

- N+X parallel redundancy,support maximum 4 units in parallel
- Online double conversion with DSP control
- Optimization battery group,the quantity of battery: 16/18/20pcs (32-40pcs supportable)
- Wide input voltage range: 208-478Vac
- Wide input frequency range: 40Hz-70Hz
- Input current harmonic: 3%
- Maximum charging current up to 18A (Settable)
- Support 3/1 and 1/1 operation
- Generator compatible
- ECO mode operation for energy saving
- Design with maintenance switch
- Cold start
- Intelligent fan speed regulation
- Self-testing when UPS startup
- 50/60Hz frequency converter mode
- Multiple protection function: short-circuit, overload, overheat, battery overcharge and overdischarge, output low voltage and fan fault alarm
- Multiple communication interface: RS232/RS485/USB/EPO /Dry contact port (Relay card/SNMP card/Parallel cable/Battery temperature sensor optional)



segment lcd

SNMP



Relay Card



SNMP



## Titanium PETA POWER PLUS 10kva online 3-1

### Technical specification



<b>MODEL</b>	Titanium PETA POWER 10 KVA ONLINE 3/1
<b>Capacity</b>	10 KVA / 10000 W
<b>INPUT</b>	
<b>Nominal voltage</b>	380/400/415Vac (3PH+N+PE) 220/230/240Vac (L+N+PE)
<b>Operating voltage range</b>	208 478Vac; 120 276Vac
<b>Frequency range</b>	40-70Hz (50/60Hz Auto-Sensing)
<b>Power factor</b>	≥0.99
<b>Bypass voltage range</b>	"Max.voltage:220V:+25% (Optional+10%,15%,20%) 230V:+20% 240V:+15% Min.voltage:-45%"
<b>OUTPUT</b>	
<b>Output voltage</b>	220/230/240Vac (L+N+PE)
<b>Power factor</b>	1
<b>Voltage regulation</b>	±1%
<b>"Output frequency"</b>	"±1%/±2%/±4%/±5%/±10% of the rated frequency Bat. Mode :(50/60±0.1%)Hz"
<b>Crest factor</b>	3:1
<b>Harmonic distortion (THDv)</b>	"≤2% Linear load ≤5% Non linear load"
<b>Transfer time</b>	0ms
<b>Output waveform</b>	Pure Sinewave
<b>Overload</b>	"AC Mode : Load≤110%: last 60min turn to bypass; ≤125%: last 10min turn to bypass; ≤150%: last 1min turn to bypass; ≥150% turn to bypass mode immediately Bat.Mode : Load≤110%: last 10min; ≤125%: last 1min; ≤150%: last 5s; ≥150%: shut down UPS immediately Bypass Mode : Breaker 2X32A"
<b>EFFICIENCY</b>	
<b>EFFICIENCY</b>	94%
<b>BATTERIES</b>	
<b>Battery number</b>	±120Vdc (20pcs 9Ah)
<b>Inbuilt battery</b>	12V/9Ah x20
<b>Charging current (Max)</b>	1.35A
<b>Recharge time</b>	6-8 hours (to 90% of full capacity)
<b>INDICATORS</b>	
<b>LCD display</b>	Input voltage,Input frequency,Output voltage,Output frequency,Load percentage, Battery voltage,Inner temperature& Remaining battery backup time
<b>ALARM</b>	
<b>Battery mode</b>	Beeping every 4 seconds
<b>Low Battery</b>	Beeping every second
<b>Overload</b>	Beeping twice every second
<b>Fault</b>	Continuously beeping
<b>ENVIRONMENT</b>	
<b>Operating temperature</b>	0 -40
<b>Storage temperature</b>	-25 -55
<b>Humidity range</b>	20-95%RH @ 0-40 (Non condensing)
<b>Altitude</b>	<1500m,derating required when>1500m
<b>Noise level</b>	<58dB at 1 Meter
<b>STANDARDS</b>	
<b>Safety</b>	IEC/EN62040-1,IEC/EN62477-1
<b>EMC</b>	IEC/EN62040-2,IEC61000-4-2,IEC61000-4-3,IEC61000-4-4,IEC61000-4-5,IEC61000-4-6,IEC61000-4-8
<b>PHYSICAL</b>	
<b>Dimension W x D×H (mm)</b>	250×900×868 (With wheel)
<b>Net weight (kg)</b>	83

"Specifications are subject to change without prior notice."